Texas Education Agency
Standard Application System (SAS)

2018–2019 Technology Lending

Program authority:	General Appropriations Act, Article III, Rider 8, and House Bill 3526, 85th Texas Legislature; Texas Education Code Section 32.301	FOR TEA USE ONLY Write NOGA ID here
Grant Period:	May 1, 2018, to August 31, 2019	
Application deadline:	5:00 p.m. Central Time, February 6, 2018	Place date stamp here.
Submittal information:	Applicants must submit one original copy of the application with an original signature, and two copies of the application, printed on one side only and signed by a person authorized to bind the applicant to a contractual agreement, must be received no later than the aforementioned date and time at this address: Document Control Center, Grants Administration Division Texas Education Agency, 1701 North Congress Ave. Austin, TX 78701-1494	RECEIVED TEXAS EDUCATION AGENCY 2018 FEB -6 PM 2: 09 DOCUMENT CONTROL CENTER
Contact information:	Kathy Ferguson: techlending@tea.texas.gov; (512) 463-9087	

Schedule #1—General Information

Part 1: Applicant Information

Organization name	County-District #			Amendment #	
Magnolia Independent School District	170906				
Vendor ID #	**ESC Region #**				
74-6003129	6				

Mailing address		City	State	ZIP Code
31141 Nichols Sawmill Road		Magnolia	TX	77355

Primary Contact

First name	M.I.	Last name	Title
Brandon		Garza	Principal
Telephone #	**Email address**		**FAX #**
281-252-2550	bgarza2@magnoliaisd.org		281-252-2560

Secondary Contact

First name	M.I.	Last name	Title
Alana		Wood	Assistant Principal
Telephone #	**Email address**		**FAX #**
281-252-2550	awood@magnoliaisd.org		281-252-2560

Part 2: Certification and Incorporation

I hereby certify that the information contained in this application is, to the best of my knowledge, correct and that the organization named above has authorized me as its representative to obligate this organization in a legally binding contractual agreement. I further certify that any ensuing program and activity will be conducted in accordance with all applicable federal and state laws and regulations, application guidelines and instructions, the general provisions and assurances, debarment and suspension certification, lobbying certification requirements, special provisions and assurances, and the schedules attached as applicable. It is understood by the applicant that this application constitutes an offer and, if accepted by the Agency or renegotiated to acceptance, will form a binding agreement.

Authorized Official:

First name	M.I.	Last name	Title
Todd		Stephens	Superintendent

Telephone #	Email address	FAX #
281-356-3571	tstephens@magnoliaisd.org	281-356-1328

Signature (blue ink preferred)

Date signed
2/5/18

Only the legally responsible party may sign this application.

Schedule #1—General Information

County-district number or vendor ID: 170906	Amendment # (for amendments only):

Part 3: Schedules Required for New or Amended Applications

An X in the "New" column indicates a required schedule that must be submitted as part of any new application. The applicant must mark the "New" checkbox for each additional schedule submitted to complete the application.

For amended applications, the applicant must mark the "Amended" checkbox for each schedule being submitted as part of the amendment.

Schedule #	Schedule Name	Application Type	
		New	Amended
1	General Information	☒	☐
2	Required Attachments and Provisions and Assurances	☒	N/A
4	Request for Amendment	N/A	☐
5	Program Executive Summary	☒	☐
6	Program Budget Summary	☒	☐
8	Professional and Contracted Services (6200)	See Important Note For Competitive Grants*	☐
9	Supplies and Materials (6300)		☐
10	Other Operating Costs (6400)		☐
11	Capital Outlay (6600)		☐
12	Demographics and Participants to Be Served with Grant Funds	☒	☐
13	Needs Assessment	☒	☐
14	Management Plan	☒	☐
15	Project Evaluation	☒	☐
16	Responses to Statutory Requirements	☒	☐
17	Responses to TEA Requirements	☒	☐

*IMPORTANT NOTE FOR COMPETITIVE GRANTS: Schedules #8, #9, #10 and #11 are required schedules if any dollar amount is entered for the corresponding class/object code on Schedule #6—Program Budget Summary. For example, if any dollar amount is budgeted for class/object code 6200 on Schedule #6—Program Budget Summary, then Schedule #8—Professional and Contracted Services (6200) is required. If it is either blank or missing from the application, **the application will be disqualified.**

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Schedule #2—Required Attachments and Provisions and Assurances

County-district number or vendor ID: 170906	Amendment # (for amendments only):

Part 1: Required Attachments

The following table lists the fiscal-related and program-related documents that are required to be submitted with the application (attached to the back of each copy, as an appendix).

#	Applicant Type	Name of Required Fiscal-Related Attachment
	No fiscal-related attachments are required for this grant.	

#	Name of Required Program-Related Attachment	Description of Required Program-Related Attachment
1	LEA Technology Plan Template	If an LEA does not have a 2016–2017 Technology Plan on file with TEA, it must show evidence of a current local technology plan on participating campuses by completing the LEA Technology Plan Template.

Part 2: Acceptance and Compliance

By marking an X in each of the boxes below, the authorized official who signs Schedule #1—General Information certifies his or her acceptance of and compliance with all of the following guidelines, provisions, and assurances.
Note that provisions and assurances specific to this program are listed separately, in Part 3 of this schedule, and require a separate certification.

X	Acceptance and Compliance
☒	I certify my acceptance of and compliance with the General and Fiscal Guidelines.
☒	I certify my acceptance of and compliance with the program guidelines for this grant.
☒	I certify my acceptance of and compliance with all General Provisions and Assurances requirements.
☒	I certify that I am not debarred or suspended. I also certify my acceptance of and compliance with all Debarment and Suspension Certification requirements.

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Schedule #2—Required Attachments and Provisions and Assurances	

County-district number or vendor ID: 170906	Amendment # (for amendments only):

Part 3: Program-Specific Provisions and Assurances

☒   I certify my acceptance of and compliance with all program-specific provisions and assurances listed below.

#	Provision/Assurance
1.	The applicant provides assurance that program funds will supplement (increase the level of service), and not supplant (replace) state mandates, State Board of Education rules, and activities previously conducted with state or local funds. The applicant provides assurance that state or local funds may not be decreased or diverted for other purposes merely because of the availability of these funds. The applicant provides assurance that program services and activities to be funded from this grant will be supplementary to existing services and activities and will not be used for any services or activities required by state law, State Board of Education rules, or local policy.
2.	The applicant provides assurance that the application does not contain any information that would be protected by the Family Educational Rights and Privacy Act (FERPA) from general release to the public.
3.	The applicant assures that funds provided under the Instructional Materials Allotment (IMA) or other funding are insufficient to purchase enough lending technology for every student who needs dedicated access to a device.
4.	The applicant assures that it will provide access to lending technology and residential access to the Internet for students, including economically disadvantaged students and students with disabilities, who do not already have either the needed equipment or Internet service for learning at home
5.	The applicant understands that equipment purchased with Technology Lending Grant funds is the property of the LEA.
6.	The applicant assures that infrastructure and technical support are adequate to support students' use of loaned equipment provided through the grant at its participating campus(es).
7.	The applicant assures that it will provide adequate staff to administer the program and ensure successful implementation.
8.	The applicant assures that it will account for the technology lending equipment in accordance with district policy for accounting for such equipment, including providing insurance when insurance is typically provided for such equipment. The applicant understands that the grant funds cannot be used to replace lost, stolen, or damaged equipment.
9.	The applicant assures that it will obtain a Technology Lending Agreement signed by the parents/guardian of each participating student and by the student participating in the program, including an assurance of student's mastery of the grade-appropriate Digital Citizenship strand of the Technology Applications Texas Essential Knowledge and Skills.
10.	The applicant assures that it has a 2016–2017 LEA technology plan on file with TEA, or that it will show evidence of a current local technology plan on participating campuses by completing the Required Program-Related Attachment outlined on page 18 of the Program Guidelines.
11.	The applicant assures that technology lending and use of electronic instructional materials are incorporated into the LEA's technology plan.
12.	The applicant agrees to collect and report the data for the performance measures stated in the Program Guidelines under Program Evaluation. The applicant assures it will develop appropriate systems and processes to collect and report the required data

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	Schedule #4—Request for Amendment	
County-district number or vendor ID: 170906		Amendment # (for amendments only):

Part 1: Submitting an Amendment

This schedule is used to amend a grant application that has been approved by TEA and issued a Notice of Grant Award (NOGA). **Do not submit this schedule with the original grant application.** Refer to the instructions to this schedule for information on what schedules must be submitted with an amendment.

An amendment may be submitted by mail *or* by fax. Do not submit the same amendment by both methods. Amendments submitted via email will not be accepted.

If the amendment is mailed, submit three copies of each schedule pertinent to the amendment to the following address: Document Control Center, Grants Administration Division, Texas Education Agency, 1701 N. Congress Ave., Austin, TX 78701-1494.

If the amendment is faxed, submit one copy of each schedule pertinent to the amendment to either of the following fax numbers: (512) 463-9811 or (512) 463-9564.

The last day to submit an amendment to TEA is listed on the TEA Grant Opportunities page. An amendment is effective on the day TEA receives it in substantially approvable form. All amendments are subject to review and approval by TEA.

Part 2: When an Amendment Is Required

For all grants, regardless of dollar amount, prior written approval is required to make certain changes to the application. Refer to the "When to Amend the Application" guidance posted in the Amendment Submission Guidance section of the Grants Administration Division Administering a Grant page to determine when an amendment is required for this grant. Use that guidance to complete Part 3 and Part 4 of this schedule.

Part 3: Revised Budget

#	Schedule #	Class/ Object Code	A Grand Total from Previously Approved Budget	B Amount Deleted	C Amount Added	D New Grand Total
1.	Schedule #8: Contracted Services	6200	$	$	$	$
2.	Schedule #9: Supplies and Materials	6300	$	$	$	$
3.	Schedule #10: Other Operating Costs	6400	$	$	$	$
4.	Schedule #11: Capital Outlay	6600	$	$	$	$
5.	Total direct costs:		$	$	$	$
6.	Indirect cost (%):		$	$	$	$
7.	Total costs:		$	$	$	$

	Schedule #4—Request for Amendment (cont.)	
County-district number or vendor ID: 170906		Amendment # (for amendments only):

Part 4: Amendment Justification

Line #	Schedule # Being Amended	Description of Change	Reason for Change
1.			
2.			
3.			
4.			
5.			
6.			
7.			

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Schedule #5—Program Executive Summary	
County-district number or vendor ID: 170906	Amendment # (for amendments only):

List the campuses that will be served with these funds. Response is limited to space provided, front side only, font size no smaller than 10 point Arial.

Magnolia West High School

Provide a brief overview of the program you plan to deliver. Refer to the instructions for a description of the requested elements of the summary.

Our goal is to close the achievement gap by providing equitable access to technology. A Chromebook lending program with internet access would allow us to extend curriculum and the access to technology directly into the homes of students.

Magnolia Independent School District (MISD) has been making significant investments in campus technology. In the last several years, MISD has added over 1,900 Chromebooks to its Magnolia West High School campus. Students have been using Chromebooks on campus, and are already familiar with their use. As a result, students will be able to easily and immediately use Chromebooks that are lent to them.

In addition to its investment in Chromebooks, the district has also heavily invested in broadband access on its campuses. Every classroom has high-speed internet access with sufficient broadband for all teachers and students. Having this access will allow students who borrow a Chromebook that is purchased with grant funds to use it while on campus. The district would also be able to lend mobile hot spots to students so that they would be able to access the internet from home with their Chromebook.

By supplying Chromebooks and broadband, the district has been able to offer students and teachers many different online applications to enhance lesson delivery and to differentiate learning. The district has purchased access to programs such as iReady, which provides valid and reliable growth measures and individualized instruction. The program utilized an adaptive diagnostic for reading and math that pinpoints student needs and monitors progress in order to determine whether students are on track to achieve their learning target. The district has also purchased a subscription to Discovery Education. All teachers and students have access to that resource. The MWHS library maintains electronic subscriptions to Gale and JSTOR that are available online to students 24/7. The district has purchased online access to textbooks and related materials offered by Pearson, McGraw-Hill, Follett, Holt McDougall, and others. In order to enable students to easily access electronic materials, the district uses Class Link, which is a student single sign on application. When a student signs into their account, a dashboard with all of the online materials appears on their desktop. By using Class Link, students only have to remember one password, instead of having to remember passwords for each individual item. Having a lending program with internet access would enable students to utilize all of these online materials from home.

Another way students would be positively impacted with a lending program relates to students who have fallen behind on earning credits. When a student is not awarded credit because they have not mastered the knowledge required by a course, they are enrolled in a cloud based intervention program called Omega. In this program, students work independently online to master the skills that they are lacking. The Omega program allows teachers to follow the progress of students in real time. Spending time online using the Omega program is a key to a student's success in the program. By providing Chromebooks and internet access at home, students who have fallen behind will have the opportunity to learn at home and more quickly gain the credit that they did not earn in class. By earning credits more quickly, students are more likely to remain motivated to remain in school and to graduate.

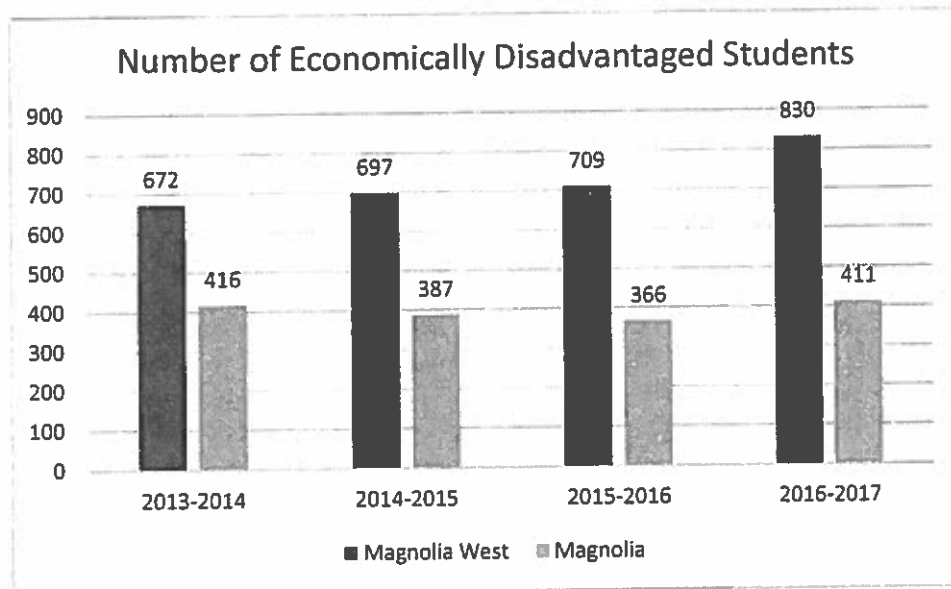| For TEA Use Only	
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Schedule #5—Program Executive Summary (cont.)

County-district number or vendor ID: 170906	Amendment # (for amendments only):

Provide a brief overview of the program you plan to deliver. Refer to the instructions for a description of the requested elements of the summary. Response is limited to space provided, front side only, font size no smaller than 10 point Arial.

MISD selected MWHS for the lending grant program because it is the high school with the highest percentage of economically disadvantaged students. MISD has two main high schools, Magnolia and Magnolia West. The district also has an accelerated graduation campus with approximately 80 students and a disciplinary alternative placement campus. Historically, and as the chart below demonstrates, Magnolia West has a much higher number of students who are economically disadvantaged than does Magnolia. The number of economically disadvantaged students has remained relatively flat at Magnolia. In contrast, MWHS has seen increases in this population of students.

Number of Economically Disadvantaged Students

Year	Magnolia West	Magnolia
2013-2014	672	416
2014-2015	697	387
2015-2016	709	366
2016-2017	830	411

MISD has selected the HP Chromebook 11 G5 as the device that the students will receive. This device is substantially similar to what the majority of students are using in their classrooms. The Chromebooks will be set up to run on a district defined configuration that is protected from configuration changes. Part of the standard configuration for these devices will be an application that is compliant with the Children's Internet Protection Act (CIPA) for internet filtering. The students will also receive a mobile hotspot to provide internet access. MISD will contract to provide internet services through a wireless carrier for the length of the grant. A survey of the community has been made in order to confirm that there is a wireless carrier that provides robust and reliable service in the areas where the students live. The hot spot device is programmed so that it is compliant with Children's Internet Protection Act (CIPA) for internet filtering.

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Schedule #6—Program Budget Summary

County-district number or vendor ID: 170906	Amendment # (for amendments only):

Program authority: General Appropriations Act, Article III, Rider 8, and House Bill 3526, 85th Texas Legislature; Texas Education Code Section, 32.301

Grant period: May 1, 2018, to August 31, 2019	Fund code: 410

Budget Summary

Schedule #	Title	Class/ Object Code	Program Cost	Admin Cost	Total Budgeted Cost
Schedule #8	Professional and Contracted Services (6200)	6200	$38,246.54	$	$38,246.54
Schedule #9	Supplies and Materials (6300)	6300	$56,707.40	$	$56,707.40
Schedule #10	Other Operating Costs (6400)	6400	$	$	$
Schedule #11	Capital Outlay (6600)	6600	$	$	$
	Total direct costs:		$94,953.94	$	$
	5.04% indirect costs (see note):		N/A	$5,046.06	$5,046.06
	Grand total of budgeted costs (add all entries in each column):		$94,953.94	$5,046.06	$100,000.00

Administrative Cost Calculation

Enter the total grant amount requested:	$100,000
Percentage limit on administrative costs established for the program (15%):	× .15
Multiply and round down to the nearest whole dollar. Enter the result. This is the maximum amount allowable for administrative costs, including indirect costs:	$15,000

NOTE: Indirect costs are calculated and reimbursed based on actual expenditures when reported in the expenditure reporting system, regardless of the amount budgeted and approved in the grant application. If indirect costs are claimed, they are part of the total grant award amount. They are not in addition to the grant award amount.

Indirect costs are not required to be budgeted in the grant application in order to be charged to the grant. Do not submit an amendment solely for the purpose of budgeting indirect costs.

If selected for a competitive grant, your award amount will be the lesser of the grand total of budgeted costs as stated on this schedule (the box with the bold outline), or the sum of all line items listed on this schedule, or the maximum allowable award amount. TEA is not responsible for math errors.

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	Schedule #8—Professional and Contracted Services (6200)	
County-district number or vendor ID: 170906		Amendment # (for amendments only):

NOTE: Specifying an individual vendor in a grant application does not meet the applicable requirements for sole-source providers. TEA's approval of such grant applications does not constitute approval of a sole-source provider.

Professional and Contracted Services

#	Description of Service and Purpose	Grant Amount Budgeted
1	Contractor's supplies and materials	$38,246.54
2		$
3		$
4		$
5		$
6		$
7		$
8		$
9		$
10		$
11		$
12		$
13		$
14		$
	a. Subtotal of professional and contracted services:	$38,246.54
	b. Remaining 6200—Professional and contracted services that do not require specific approval:	$
	(Sum of lines a and b) Grand total	$38,246.54

For budgeting assistance, see the Allowable Cost and Budgeting Guidance section of the Grants Administration Division Administering a Grant page.

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Schedule #9—Supplies and Materials (6300)		
County-District Number or Vendor ID: 170906	Amendment number (for amendments only):	
Supplies and Materials Requiring Specific Approval		
		Grant Amount Budgeted
6300	Total supplies and materials that do not require specific approval:	$56,707.40
	Grand total:	$56,707.40

For budgeting assistance, see the Allowable Cost and Budgeting Guidance section of the Grants Administration Division Administering a Grant page.

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Schedule #10—Other Operating Costs (6400)		
County-District Number or Vendor ID: 170906	Amendment number (for amendments only):	
Expense Item Description		**Grant Amount Budgeted**
6400	Operating costs that do not require specific approval:	$
	Grand total:	$

In-state travel for employees does not require specific approval.

For budgeting assistance, see the Allowable Cost and Budgeting Guidance section of the Grants Administration Division Administering a Grant page.

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#	Description and Purpose	Quantity	Unit Cost	Grant Amount Budgeted
Schedule #11—Capital Outlay (6600)				

Schedule #11—Capital Outlay (6600)

County-District Number or Vendor ID: 170906   Amendment number (for amendments only):

#	Description and Purpose	Quantity	Unit Cost	Grant Amount Budgeted
66XX—Computing Devices, capitalized				
1			$	$
2			$	$
3			$	$
4			$	$
5			$	$
6			$	$
7			$	$
8			$	$
9			$	$
10			$	$
66XX—Software, capitalized				
11			$	$
12			$	$
13			$	$
14			$	$
15			$	$
16			$	$
17			$	$
66XX—Equipment, furniture, or vehicles				
18			$	$
19			$	$
20			$	$
21			$	$
22			$	$
23			$	$
24			$	$
25			$	$
26			$	$
27			$	$
			Grand total:	$

For budgeting assistance, see the Allowable Cost and Budgeting Guidance section of the Grants Administration Division Administering a Grant page.

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Schedule #12—Demographics and Participants to Be Served with Grant Funds			
County-district number or vendor ID: 170906		Amendment # (for amendments only):	

Part 1: Student Demographics of Population To Be Served With Grant Funds. Enter the data requested for the population to be served by this grant program. If data is not available, enter DNA. Use the comment section to add a description of any data not specifically requested that is important to understanding the population to be served by this grant program. Response is limited to space provided. Use Arial font, no smaller than 10 point.

Student Category	Student Number	Student Percentage	Comment
Economically disadvantaged	830	41.2%	
Limited English proficient (LEP)	117	5.8%	
Disciplinary placements	78	3.7%	
Attendance rate	NA	95.0%	
Annual dropout rate (Gr 9-12)	NA	0.6%	

Part 2: Students To Be Served With Grant Funds. Enter the number of students in each grade, by type of school, projected to be served under the grant program.

School Type:	☒ Public	☐ Open-Enrollment Charter	☐ Private Nonprofit	☐ Private For Profit	☐ Public Institution

Students														
PK	K	1	2	3	4	5	6	7	8	9	10	11	12	Total
										589	522	488	417	2,016

Schedule #13—Needs Assessment

County-district number or vendor ID: 170906	Amendment # (for amendments only):

Part 1: Process Description. A needs assessment is a systematic process for identifying and prioritizing needs, with "need" defined as the difference between current achievement and desired outcome or required accomplishment. Describe your needs assessment process, including a description of how needs are prioritized. If this application is for a district level grant that will only serve specific campuses, list the name of the campus(es) to be served and why they were selected. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Texas Academic Performance Report data on economically disadvantaged students was reviewed and analyzed in order to determine which campus would be the subject of this grant application. MISD selected MWHS for the lending grant program because it is the high school with the highest percentage of economically disadvantaged students. MISD has two main high schools, Magnolia and Magnolia West. The district also has an accelerated graduation campus with approximately 80 students and a disciplinary alternative placement campus. Historically, Magnolia West has a much higher number of students who are economically disadvantaged than does Magnolia. The number of economically disadvantaged students has remained relatively flat at Magnolia. In contrast, the TAPR data reveals that MWHS has seen year-over-year increases in this population of students. According to the most recent TAPR, MWHS has 830 economically disadvantaged students and Magnolia has 411.

The number one campus goal for MWHS is to increase academic success for all students. However, reviewing STAAR test results reveals that economically disadvantaged students are not performing as well as their peers. This observation holds across all academic subjects. At the same time, the 2016-2017 TAPR shows attendance rates of 95.0% for all students and 93.9% for economically disadvantaged students. Since the attendance rates are not dramatically different, it seems as though all students are being provided the same amount of learning opportunity during the school day. Since school attendance is relatively similar, it is believed that one reason economically disadvantaged students are not performing as well as their peers is because those students do not have access to computers and/or the internet outside of school.

Access to computers and internet is important because MISD has heavily invested in technology at MWHS. In the last several years, over 1,900 Chromebooks have been placed at MWHS. The school is not a 1:1 school and MWHS does not lend computers to its students. There has been a growing trend toward electronic curriculum. An advantage of such curriculum is that it is available to students 24/7. The downside is that as more teachers utilize such curriculum it can create disparities in the amount of time particular students can use such materials because students with computers and internet access at home have more opportunity for extended learning.

The Pew Research Center has studied the issue of the "homework gap" and found that the "lowest-income households have the lowest home broadband subscription rates." In September 2017 the Education and Social Stratification Branch of the U.S. Census Bureau issued a report regarding computer and internet use in the United States. That report, which is based on data collected through the American Community Survey Reports shows that only 51.7% of the most economically disadvantaged segment of the population had any type of internet access. Only 51.0 % of that population segment reported having broadband access. In addition, only 65.9% of the households being led by an adult who had no more than a high school diploma reported having a desktop or laptop computer at home. MWHS has 830 economically disadvantaged students. Applying the above referenced statistics to the campus, there would be 420 students without broadband access and 283 without home computers.

MWHS would like to close the achievement gap by providing 180 computers and 180 hot spots. The computers and hot spots would be deployed according to the particular need of a student. If a student has a computer, but not a hot spot, they would receive a hot spot. For students with internet access, but no computer, they would be provided a computer. Students that have neither would be supplied with both. Through this approach the campus would be able to leverage the devices to the greatest extent.

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Schedule #13—Needs Assessment (cont.)

County-district number or vendor ID: 170906	Amendment # (for amendments only):

Part 2: Alignment with Grant Goals and Objectives. List your top five needs, in rank order of assigned priority. Describe how those needs would be effectively addressed by implementation of this grant program. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

#	Identified Need	How Implemented Grant Program Would Address
1.	Economically disadvantaged students do not have access to computers or internet at home.	Students who do not have a computer to use at home will be provided with a HP Chromebook 11 G5 computer. Students will be able to use the device at home and on campus. Students who do not have access to internet at home will be provided with a mobile hot spot.
2.	Economically disadvantaged students are unable to attend before school and after school tutorials. Many such students have parents who are hourly workers and they can't afford to take time off of work to drop off and pick up students.	By having a computer with internet access at home, students will be able to access learning materials that can close the gap that can arise because of an inability to attend tutorials.
3.	Economically disadvantaged students are unable to access the Canvas Learning Management System outside of school.	Teachers at MWHS use the online Canvas Learning Management System. Teachers load class materials into Canvas and students access those materials on line. Materials placed in Canvas include documents, slides, links to outside materials, study guides and more. Students can submit completed assignments directly into Canvas. The lending program will enable students to access Canvas from home.
4.	Economically disadvantaged students are unable to access digital learning materials outside of school.	Providing computers and internet access to students will enable them to access the many digital learning resources that the district has purchased. Students would be able to access textbooks and related digital materials from multiple textbook publishers. They could access Discovery Education, Khan Academy, and the electronic research databases that are available through the MWHS library.
5.	Economically disadvantaged students who are in the Omega program are unable to work on this entirely web based program because they do not have access to a computer and/or internet at home.	By providing Chromebooks and internet access at home, students who have fallen behind will have the opportunity to learn at home. By more quickly closing their knowledge gap, students will be able to gain the credit that they did not earn in class.

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Schedule #14—Management Plan

County-district number or vendor ID: 170906	Amendment # (for amendments only):

Part 1: Staff Qualifications. List the titles of the primary project personnel and any external consultants projected to be involved in the implementation and delivery of the program, along with desired qualifications, experience, and any requested certifications. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

#	Title	Desired Qualifications, Experience, Certifications
1.	Principal – Magnolia West	Significant long-term experience as both educator and administrator. Ability to evaluate effectiveness of program. Successful experience in instructional leadership. Well-developed communication skills relating to a variety of stakeholders.
2.	Technology Director	Knowledge of existing broadband system. Successful implementation of Chromebooks across multiple campuses. Knowledge of rules regarding student access to internet (e.g. CIPA).
3.	Electronic Curriculm Specialist	Experience training faculty in the use of multiple electronic curriculums, including use of Canvas. Excellent communication skills. Ability to articulate program functions to faculty.
4.	Assistant Principal	Experience developing and ensuring conformity with district and campus acceptable use policies. Knowledge of curriculum and instruction. Ability to articulate computer lending and internet program policies to parents and students.
5.	Technical Support	Knowledge of imaging MISD computers. Ability to troubleshoot and correct computer problems. Excellent communication skills. Ability to assist students with Chromebook issues.

Part 2: Milestones and Timeline. Summarize the major objectives of the planned project, along with defined milestones and projected timelines. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

#	Objective		Milestone	Begin Activity	End Activity
1.	Device procurement	1.	Order devices	05/01/2018	05/11/2018
		2.	Receive devices	006/11/2018	06/15/2018
		3.	Image devices	07/15/2018	08/15/2018
		4.	Test devices in variety of areas in the community	06/15/2018	07/15/2018
		5.	Set up space for student check-out of device	07/15/2018	08/01/2018
2.	Staff training	1.	Introduce lending program to staff	05/01/2018	05/11/2018
		2.	Pre-survey re: use of digital instructional materials	05/01/2018	05/11/2018
		3.	Develop instructions for student referrel to program	5/01/2018	05/11/2018
		4.	Provide additional training in electronic curriculum	08/15/2018	08/20/2018
		5.	Post-survey re: use of digital instructional materials	5/15/2018	05/20/2018
3.	Select students for lending program	1.	Identify students for program using survey	05/07/2018	05/18/2018
		2.	Identify students by reviewing STAAR test results	05/07/2018	05/18/2018
		3.	Identify students by loss of credit	05/07/2018	05/18/2018
		4.	Meet with students and parents	09/10/2018	09/12/2018
		5.	Signatures on Technology Lending Agreement	09/10/2018	09/12/2018
4.	Distribute devices to students	1.	Distribute device to students	09/16/2018	09/18/2018
		2.	Train students on computer and hotspot device	09/16/2018	09/18/2018
		3.	Train students on computer acceptable use	09/16/2018	09/18/2018
		4.	Train students on accessing curriculum	09/16/2018	09/18/2018
		5.	Provide ongoing support to students and parents	09/16/2018	09/18/2018
5.	Evaluate program	1.	Develop statistics regarding student use of devices	09/16/2018	06/30/2019
		2.	Monitory class grades of students with devices	09/16/2018	05/30/2019
		3.	Compare STAAR test scores for changes	09/16/2018	05/30/2019
		4.	Take pre and post survey of students and parents	09/01/2018	05/20/2019
		5.	Prepare report of findings and distribute	05/15/2019	06/15/2019

Unless pre-award costs are specifically approved by TEA, grant funds will be used to pay only for activities occurring between the beginning and ending dates of the grant, as specified on the Notice of Grant Award.

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Schedule #14—Management Plan (cont.)	
County-district number or vendor ID: 170906	Amendment # (for amendments only):

Part 3: Feedback and Continuous Improvement. Describe the process and procedures your organization currently has in place for monitoring the attainment of goals and objectives. Include a description of how the plan for attaining goals and objectives is adjusted when necessary and how changes are communicated to administrative staff, teachers, students, parents, and members of the community. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Magnolia West High School (MWHS) constantly uses data for monitoring the attainment of its goals and objectives. Student performance is continually monitored to identify struggling students and to develop appropriate interventions. MWHS analyzes STAAR tests by student and by objective in order to develop custom remediation for students. The district utilizes district-wide testing in core subjects so data from such tests can be analyzed across campuses and classes and adjustments to improve student learning can be done on a constant basis.

The district has an electronic help desk ticket process for problems with Chromebooks. That system is easily accessible and easy to use. The use of that system enables the tech support staff to handle requests in a timely manner and to track which devices seem to have more issues so that problems can be rectified as soon as they are identified.

The district has a wide variety of ways that it communicates with staff, teachers, students, parents, and members of the community. The district and MWHS have the ability to: send group voice messages via telephone, text group messages by stakeholder group (teachers, parents, staff), and send reminders via services such as Remind 101 and Canvas LMS. In addition, the MWHS web site is kept up to date with announcements and calendars of events. The school also hosts numerous parent meetings throughout the year to provide information to parents and students. The school also holds meetings specifically for the purpose of reaching our Spanish-speaking parents.

Part 4: Sustainability and Commitment. Describe any ongoing, existing efforts that are similar or related to the planned project. How will you coordinate efforts to maximize effectiveness of grant funds? How will you ensure that all project participants remain committed to the project's success? Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

The district and MWHS have made significant investments in Chromebooks and the infrastructure (broadband) needed to support such devices. The students have been using Chromebooks that are in carts in many of their core classes. Students are very familiar with Chromebooks know how to access curriculum via Chromebooks.

During the 2016-2017 school, the district piloted the use of the Canvas Learning Management System (Canvas) on the MWHS campus. This year (2017-2018), the use of Canvas has expanded so that it is available to all staff. Canvas is an online repository that students access on a per class basis. Teachers load their lessons and related curricular materials (assignments, links to web content, access to electronic textbooks) into Canvas. Teachers can also give tests and quizzes in Canvas. Canvas tracks student progress for view by teachers on a real time basis. Teachers are motivated to use Canvas because it gives them an organized platform to store curriculum in a place that is accessible to students 24/7.

MWHS will coordinate efforts to maximize the effective use of grant funds by communicating with students and parents about the Technology Lending Program so that students are able to take advantage of the opportunity to have access to learning materials at home.

The principal has a system in place for meeting with teams that have a particular goal. Teams meet on a scheduled basis to discuss implementation status, identify needs for change or improvement, and plans and timelines for implementing changes or improvements.

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Schedule #15—Project Evaluation

County-district number or vendor ID: 170906	Amendment # (for amendments only):

Part 1: Evaluation Design. List the methods and processes you will use on an ongoing basis to examine the effectiveness of project strategies, including the indicators of program accomplishment that are associated with each. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

#	Evaluation Method/Process		Associated Indicator of Accomplishment
1.	Track residential hot spot usage by target student group	1.	Number of devices checked out
		2.	Amount of time hot spots are used at home
		3.	Learning applications accessed via the hot spot
2.	Track use of Canvas Learning Management System by target student group	1.	Students accessed Canvas while off campus
		2.	Students turned in assignments through Canvas while off campus
		3.	Students communicated with teacher or classmates via Canvas while off campus
3.	Monitor STAAR scores of target student group	1.	Baseline STAAR scores May 2018
		2.	Higher STAAR scores May 2019
4.	Monitor grades of target student group	1.	Baseline grades at end of 2017-2018 year
		2.	Grades at end of first semester 2018 - 2019
		3.	Grades at end of second semester 2018 - 2019
5.	Track progress of Omega students in target group	1	Baseline data at end of 2017-2018 year
		2	Students complete courses in a shorter amount of time
		3.	Students earn higher scores

Part 2: Data Collection and Problem Correction. Describe the processes for collecting data that are included in the evaluation design, including program-level data such as program activities and the number of participants served, and student-level academic data, including achievement results and attendance data. How are problems with project delivery to be identified and corrected throughout the project? Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

MISD has existing systems that can be used to gather data for this program. Data regarding attendance, academic achievement, and on-line courses are available through applications in eSchool Plus. Data regarding academic achievement in reading and math on STAAR tests is in a program that enables teachers to identify, on a per student basis, exactly which objectives where not mastered. Data on grades for students using the Omega program are available through the Omega teacher dashboard.

The activities set forth in the milestones on Schedule #14 will be used to gather data on the following: (1) number and percent of students who checked out a device, (2) number and percent of economically disadvantaged students participating in the lending program, (3) number and percent of economically disadvantaged students who had internet provided at their home, and (4) ratio of technology devices to students needing them.

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Schedule #16—Responses to Statutory Requirements

County-district number or vendor ID: 170906	Amendment # (for amendments only):

Statutory Requirement 1: Applicant must describe the availability of existing equipment to students in the LEA and other funding available for the purchase of student technology devices. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Magnolia West High School (MWHS) has over 1,900 Chromebooks on its campus. However, MWHS is not a 1:1 campus and does not issue computers to its students.

Every classroom at MWHS has high-speed internet access with sufficient broadband for all teachers and students. Having this access will allow students who borrow a Chromebook that is purchased with grant funds to use it while on campus.

The 2018 technology budget for the district is $3,590,000, which amounts to $282.22 per student. Out of the $3,590,000, $878,180 ($68.79 per student) has been allocated for the purchase of equipment for students and faculty. 90% of the equipment will be paid with local funds and 10% will be paid with IMA funds. The district does not have sufficient funds from IMA or other sources to pay for a computer lending program.

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Schedule #17—Responses to TEA Program Requirements

County-district number or vendor ID: 170906	Amendment # (for amendments only):

TEA Program Requirement 1: Describe how the technology lending program aligns with the existing mission and goals for the LEA. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

It is the goal of MISD is to incorporate state of the art technology and other tools to maximize the academic potential of students and management skills of district personnel. It is also a goal for MISD students to show growth and achievement to their maximum potential. The district has already committed substantial funds to computers and internet access on its campuses. The lending program would help to close the achievement gap that exists for economically disadvantaged students. Computers with internet access would allow those students to extend learning into their homes.

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Schedule #17—Responses to TEA Program Requirements (cont.)

County-district number or vendor ID: 170906	Amendment # (for amendments only):

TEA Program Requirement 2: Describe a plan for providing internet access to student residences, residential centers, and/or on the buses that transport students (for whom a single ride lasts, on average, at least an hour) with the highest need for off-campus internet access. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Mobile wifi hot spots would be provided to students who do not have access at their homes. The wifi would connect through mobile cell service providers. A survey was conducted of people that live in the community in order to identify the carrier with the most robust and reliable service. In addition, service maps of carriers were reviewed in order to determine which carriers did or did not have dependable service in the subject area.

One of the milestones will be to conduct student surveys in advance to identify the students who have the most significant need for internet access at home.

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Schedule #17—Responses to TEA Program Requirements (cont.)

County-district number or vendor ID: 170906	Amendment # (for amendments only):

TEA Program Requirement 3: Describe how the lending program aligns with current curriculum, instruction, and classroom management policies and/or practices on its participating campus(es). Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

MWHS will provide Chromebooks to students. The campus has been utilizing Chromebooks for two years and students are experienced using Chromebooks. The campus has a written BYOD policy. District student handbooks contain the computer acceptable use policy, which students are required to acknowledge each year.

Teachers utilize the Canvas Learning Management System (Canvas). Canvas is an online curriculum delivery program. Teachers load in their lessons and related materials including documents, slides, links to online content, and other materials. Students access the materials in Canvas via the internet. Students also complete assignments and submit them via Canvas. Canvas tracks student access, including how much time students spent in Canvas and what they worked on. This allows teachers to monitor student progress and to ensure that they stay on track.

TEA Program Requirement 4: Describe how the applicant is using digital instructional materials in one or more foundation curriculum subject area(s) for one or more grade level(s). Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

The math department uses technology on a regular basis to enrich student learning. Students are encouraged to watch tutorial videos that have been placed on Canvas when they are working on homework. Teachers also place homework on Canvas so that students can access it from school and home. Sometimes the answers are put on Canvas after school, especially when the students are reviewing for a test. We add them to Canvas at the end of the day so that students have to try to work them during the day and then can check their work at a later point. For students that are absent, having access to the internet is very helpful because teachers can communicate with students in real time and students can turn their work in via Canvas. In math, teachers ask the students to use self-exploration of topics or concepts. Teachers also use online access for interactive study materials for the students. This is seen in many forms, such as online vocabulary study cards and interactive exploration games that make students focus on particular topics. Students in Algebra I, Algebra II, Geometry, and Statistics have online access to their textbooks and additional materials from the textbook publisher such as videos and tutorials.

Science students also have access to numerous online materials. Teachers utilize Canvas and also provide additional links to materials that student can access off campus. For Biology, Pearson Education's BioCoach has activities that allow students to visualize and apply their understanding of biological concepts. During those practice activities, students manipulate graphs, complete biological puzzles, and answer questions. LabBench provides students with pre- and post-lab reviews. Animations and interactive questions connect laboratory procedures to biological principles. Designed for advanced students, these activities correspond to the AP® Lab Manual and include sections on key concepts, experiment design, analysis of results, as well as a lab quiz.

Many other courses at MWHS constantly utilize digital instructional materials.

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Schedule #17—Responses to TEA Program Requirements (cont.)

County-district number or vendor ID: 170906	Amendment # (for amendments only):

TEA Program Requirement 5: Describe how the infrastructure and technical support is adequate to support students' anticipated use of devices through the grant at its participating campus(es). Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Any issues with Chromebooks or hot spots would be handled using Eduphoria's help desk ticketing program. Students would be provided with instructions on how to report issues. There is a technician located at MWHS. In addition, the campus has two technology liasons who assist with technology issues. By using the help ticket program, issues with the Chromebooks and hot spots could be handled quickly and efficiently. In the event that the issue can't be resolved on campus, it would be escalated to one of the district technicians.

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Schedule #17—Responses to TEA Program Requirements (cont.)

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TEA Program Requirement 6: Describe how the grant will be administered on participating campus(es), including a description of how the check-out and check-in process will operate, who will oversee the check-out process, especially in cases of competing need, and the process that will be used to maintain the technology lending equipment in proper working condition. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Before any computers or hot spots are issued, a survey will be conducted in order to determine student needs. Student use of Chromebooks and hot spots will be monitored to ensure that students that have those devices are actually using them. Should a student who receives a computer and/or hot spot fail to use it, then they will be required to turn in the device so that another student can use it. In the event that demand is greater than supply, student schedules will be reviewed and teachers of competing students contacted in order to find out which students have the greater need for computers or hot spots according to the demands of the course.

Students and their parents will be required to attend an information session prior to the time a computer and/or hot spot is lent to the student. A campus administrator will hold the information session. Students and their parents will be required to sign a technology lending agreement which sets forth the policies and procedures and informs them that as part of the lending program that they will be occasionally asked to provide feedback about the program. All of the equipment will be tagged and tracked in the district inventory. Since the computers and hot spots will be monitored for activity, any extended period of inactivity will require the student to bring the device to school. At that time the device can be checked to make sure that it is in proper repair and that it is functioning. A campus administrator will oversee the check-out and check-in process.

At the end of the school year, students will be required to return the loaned devices back to the campus. The returned devices will be checked against the inventory to ensure that each device is returned by the student who borrowed it. This will enable the devices to be checked and updated over the summer.

TEA Program Requirement 7: Describe how technology lending equipment will be accounted for per local policy, including providing insurance, if appropriate. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Magnolia ISD tracks all of its technology equipment by make, model, and serial number. Records will be kept of the name, address, student ID number, and parent name, address, and contact information for each student who receives a computer or hot spot. All equipment will be signed out by students and back in when the students return the device.

MWHS will not require students to purchase insurance because doing so would be an economic hardship for the families of economically disadvantaged students.

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